

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5426657").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/07 08:05
L2	215	372/11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/07 08:05
L3	1	2 and (((saturable near3 absorb\$4) or absorber) near3 (layer\$1)) with quarter with wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 08:06
S1	270109	carrier near3 capture near3 layernear3 spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/01 05:07
S2	0	carrier near3 capture near3 layer near3 spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/01 05:07
S3	0	carrier near3 capture near3 layer same spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/01 05:07
S4	24	carrier near3 capture near3 layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/01 05:07
S5	1	S4 and spacer near3 layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/01 05:08
S6	6	S4 and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/01 05:13
S7	297	fresnel near3 lens same mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/01 05:13
S8	30	fresnel near3 lens near3 mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/06/01 06:04
S9	62	laser near3 diode and bleach\$3 near3 absorb\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 16:44

S10	45	laser near3 diode and bleach\$3 near3 absorb\$4 and shap\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:28
S11	5	laser near3 diode\$1 and ((bleach\$3 or decolor\$3) near3 absorb\$4) and ingaas and vertical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:13
S12	0	laser near3 diode\$1 and bleach\$3 near3 absorb\$4 and current near3 constrict\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:29
S13	0	laser near3 diode\$1 and bleach\$3 near3 absorb\$4 and current near3 block\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:29
S14	0	laser near3 diode\$1 and bleach\$3 near3 absorb\$4 and current near3 oxide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:30
S15	5	laser near3 diode\$1 and bleach\$3 near3 absorb\$4 and (vertical near3 (cavity or resonator))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:35
S16	1262	laser near3 diode\$1 and bleach\$3 near3layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:35
S17	64	laser near3 diode\$1 and bleach\$3 near3 layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:38
S18	2	(laser near3 diode\$1 and bleach\$3 near3 layer ) and "372"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:37
S19	138	((laser near3 diode\$1) or (semiconductor near3 laser)) and bleach\$3 near3 absor\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:39
S20	44	((laser near3 diode\$1) or (semiconductor near3 laser)) and bleach\$3 near3 absor\$6 ) and "372"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:55
S21	29	((laser near3 diode\$1) same (saturable near3 absorb\$4)) and (bleach\$3 or transparent) and ingaas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 17:59

S22	9	((laser near3 diode\$1) same (saturable near3 absorb\$4)) and bleach\$3 and ingaas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:05
S23	10	(bragg or dbr) and ((saturable near3 absorb\$4) same bleach\$3) and ingaas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:08
S24	23	(bragg or dbr) and ((saturable near3 absorb\$4) same bleach\$3) and laser near3 diode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:10
S25	0	(bragg or dbr) and ((saturable near3 absorb\$4) same bleach\$3) and surfage near3 emit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:10
S26	3	(bragg or dbr) and ((saturable near3 absorb\$4) same bleach\$3) and surface near3 emit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:11
S27	1	((saturable near3 absorb\$4) same bleach\$3) and 372/50.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:11
S28	3	((saturable near3 absorb\$4) and bleach\$3) and 372/50.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:29
S29	8	((saturable near3 absorb\$4) and bleach\$3) and (vertical near3 (cavity or resonator))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:13
S30	0	((saturable near3 absorb\$4) and bleach\$3) and 372/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:29
S31	41	(saturable near3 absorb\$4) and 372/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:31
S32	0	(saturable near3 absorb\$4 near3 ingaas) and 372/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:30
S33	3	((saturable near3 absorb\$4) same (bleach\$3 or transparent)) and 372/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:32

S34	0	((saturable near3 absorb\$4) near3 (bleach\$3 or transparent)) and 372/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/31 18:33
S35	393	(material near3 wavelength) same quarter	US-PGPUB; USPAT	OR	OFF	2004/05/31 20:07
S36	497	"171" and "372"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:44
S37	59	((material near3 wavelength) same quarter) and "372"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:50
S38	41	((material near3 wavelength) same quarter) and absorb\$3 near3 layer	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:51
S39	0	((material near3 wavelength) same quarter) and absorb\$3 near3 bleach\$3	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:51
S40	0	((material near3 wavelength) same quarter) and absorb\$3 same bleach\$3	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:51
S41	7	((material near3 wavelength) same quarter) and absorb\$ near3 quantum	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:53
S42	45	((material near3 wavelength) same quarter) and quantum near3 well	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:53
S43	32	((material near3 wavelength) same quarter) and quantum near3 well and absor\$6	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:54
S44	32	((material near3 wavelength) same quarter) and quantum near3 well and absor\$8	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:56
S45	24	((material near3 wavelength) same quarter) and quantum near3 well and absor\$8 and thickness	US-PGPUB; USPAT	OR	OFF	2004/05/31 19:59
S46	3	((material near3 wavelength) same quarter) and saturable near3 absor\$8 and thickness	US-PGPUB; USPAT	OR	OFF	2004/05/31 20:00
S47	13	(material near3 wavelength) same quarter same (quantum near3 well\$1)	US-PGPUB; USPAT	OR	OFF	2004/05/31 20:12
S48	48	(wavelength near3 quarter near3 thickness) same (quantum near3 well\$1)	US-PGPUB; USPAT	OR	OFF	2004/05/31 20:25
S49	314	ion near3 implantation same proton	US-PGPUB; USPAT	OR	OFF	2004/05/31 20:26
S50	160	ion near3 implantation near3 proton	US-PGPUB; USPAT	OR	OFF	2004/05/31 20:26

S51	0	vcsl and fresnel near3 lens and 372/19.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 15:59
S52	1	vcsl and fresnel near3 lens and 372/18.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 15:47
S53	6	vcsl and fresnel near3 lens and mode near3 select\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 15:53
S54	89	vcsl and fresnel near3 lens and mode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 15:54
S55	9	vcsl and 372/19.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:01
S56	3	holographic near3 lens\$2 and 372/19.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:02
S57	5	holographic near3 lens\$2 and vertical near3 cavity and mode near3 select\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:03
S58	178	vcsl and beam near3 profil\$3 and mode\$1 and lens\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:12
S59	46	S58 and "372"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:04
S60	24	vcsl and ((beam near3 profil\$3 near3 shap\$3) or (reflect\$ near3 relief)) and mode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:13
S61	25	vcsl and ((beam near3 profil\$3 near3 shap\$3) or ((reflect\$ or mirror) near3 relief)) and mode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:17
S62	100	vcsl and ((beam near3 profil\$3 near3 shap\$3) or ((reflect\$ or mirror) near3 holograph\$3)) and mode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:22



S63	78	S62 not S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:18
S64	285	vcse1 and 372/50.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:22
S65	196	S64 and mode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:23
S66	79	S65 and lens\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:32
S67	117	S65 not S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/23 16:33
S68	6	("4935939"   "5073041"   "5132843"   "5181220"   "5218655"   "5301201").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/23 17:35
S69	5	((bleach\$3 or transparen\$3) near3 absorb\$3) with quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:38
S70	15	((bleach\$3 or transparen\$3) near3 absorb\$3) same quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:39
S71	151	((bleach\$3 or transparen\$3) near3 absorb\$3) and quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:39
S72	1595	((bleach\$3 or transparen\$3) near3 (absorb\$3 or layer\$1)) and quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:41
S73	271	S72 and laser near3 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:40

S74	75	S72 and vcsel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:40
S75	13	((bleach\$3) near3 (absorb\$3 or layer\$1)) and quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:49
S76	3	("4873696"   "4943970"   "4949350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/23 17:42
S77	1	((quantum near3 well\$1) near3 (absorb\$3)) near3 quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:51
S78	1	((quantum near3 well\$1) near3 (absorb\$3)) with quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:51
S79	3	((quantum near3 well\$1) near3 (absorb\$3)) same quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:52
S80	48	((quantum near3 well\$1) near3 (absorb\$3)) and quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/23 17:52
S81	9	optical near3 absorb\$3 with quarter near3 wavelength and mode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/24 11:09
S82	40	optical near3 absorb\$3 and quarter near3 wavelength and mode\$1 and ((surface near3 emitting) or vcsel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/24 11:19
S83	0	optical near3 absorb\$3 near3 nonlinear same thickness and quarter near3 wavelength and ((surface near3 emitting) or vcsel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/24 11:20
S84	1	optical near3 absorb\$3 near3 nonlinear and ((surface near3 emitting) or vcsel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/24 11:20

S85	4	optical near3 absorb\$3 with nonlinear and ((surface near3 emitting) or vcsel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/24 11:22
S86	8	((optical near3 absorb\$3) or (decolor\$3 near3 absorb\$3) or (decolor\$3 near3 quantum near3 film\$1) or (bleach\$3 near3 absorb\$3)) with nonlinear and ((surface near3 emitting) or vcsel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/24 11:37
S87	1	("5574738").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/24 12:27
S88	0	saturable near3 absorb\$3 near3 quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/24 12:28
S89	1	saturable near3 absorb\$3 near3 thickness with quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/24 12:29
S90	2	saturable near3 absorb\$3 near3 thickness same quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/24 12:31
S91	4	saturable near3 absorb\$3 with thickness with quarter near3 wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/24 12:41
S92	103	saturable near3 absorb\$3 and vcsel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/24 12:41
S93	17	saturable near3 absorb\$3 with vcsel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/24 12:41
S94	1321	bleach\$3 near3 absor\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/02 11:44
S95	0	bleach\$3 near3 absor\$6 with quarter near3 wavelength and thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/02 11:44



S96	1	bleach\$3 near3 absor\$6 same quarter near3 wavelength and thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/02 11:45
S97	25	((saturable near3 absorb\$4 or absorber) near3 (bleach\$3 or decolor\$3 or saturate or transparent)) with thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 05:35
S98	25	((saturable near3 absorb\$4) or absorber) near3 (bleach\$3 or decolor\$3 or saturate or transparent)) with thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 05:36
S99	27	((saturable near3 absorb\$4) or absorber) near3 (bleach\$4 or decolor\$3 or saturate or transparent)) with thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 05:37
S100	120	((saturable near3 absorb\$4) or absorber) near3 (bleach\$4 or decolor\$3 or satura\$4 or transparent)) with thickness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 05:40
S101	7	((saturable near3 absorb\$4) or absorber) near3 (bleach\$4 or decolor\$3 or satura\$4 or transparent)) with thickness near3 wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 05:44
S102	25	((saturable near3 absorb\$4) or absorber) near3 (bleach\$4 or decolor\$3 or satura\$4 or transparent)) with thickness with wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 05:53
S103	10	((saturable near3 absorb\$4) or absorber) near3 (bleach\$4 or decolor\$3 or satura\$4 or transparent)) with quarter with wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 05:56
S104	20	((saturable near3 absorb\$4) or absorber) near3 (layer\$1)) with quarter with wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/07 08:05